

ABSTRACT

In a method for detecting partial conductor short circuits (7) in a conductor (11) including plural mutually insulated partial conductors (5) in which the partial conductors (5) are connected together at one or both ends of the conductor (11) by a short circuit (3), a simple measurement without changes to the conductor is made possible in that the propagation behavior of time-varying electrical signals is measured on the conductor (11), that the measured propagation behavior is compared with the propagation behavior on a reference conductor without partial conductor short circuits, and that conclusions are drawn as to the presence of partial conductor short circuits from the changes in propagation behavior given by the comparison.

(Fig. 2)